Easy solid recorder

User manual
No. UM0972030 R1-1
Art No: 0000200

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English

ORLACO
Specialised Camera Solutions

Easy solid recorder

Manual no. IM0972040, Version R1-1

Introduction

This manual contains user instructions. Used photographs and illustrations give general information and may differ from the products you use.

Contact your Orlaco dealer if you have questions, additional information, or want to make changes that are not described in this manual.

All data subject to change without notice. All dimensions are for commercial purpose only. The camera/display systems from Orlaco comply with the latest CE, ADR, EMC and mirror-directive regulations, where applicable. All products are manufactured in accordance with the ISO 9001 quality management system, ISO/TS 16949 quality automotive, ISO 14001 environmental management systems, where applicable.

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Available Documentation

DS0000200 Data sheet

Included

All in One Card Reader USB 2.0 (Article number 2130630)
32GB Compact Flash Card (Article number 0060210)

User manual

1. Menus, Set Up and Use

Powering On and Recording Standby Mode/Recording.

The control buttons and LCD screen are in the housing. The housing cover can be removed by unscrewing the 4 screws. See figure 1.

The opening screen on the LCD, when powering up the Easy Solid Recorder, will briefly display the software version, along with the date of the software version. See figure 2.

Then the Easy Solid Recorder, goes into automatic Recording Standby mode. The LCD screen will be backlit for a period of 30 seconds. Recording Standby.

The LCD screen will show the date and time at the top. Below that is an active audio input meter, which is shown as a bar graph. An asterisk at the end of the audio bar graph will indicate that the sound is being clipped.Video status will be shown as “NO INPUT” or “READY.”The Compact Flash status will be displayed as “NOT IN”, “FULL, or “READY.”The bottom line will indicate the remaining capacity of the card (bar graph) and calculated recording time available.

In Recording Standby mode, pressing and holding the Power/Record key (or remote button) continuously for two seconds will turn off the Easy Solid Recorder. See figure 3.

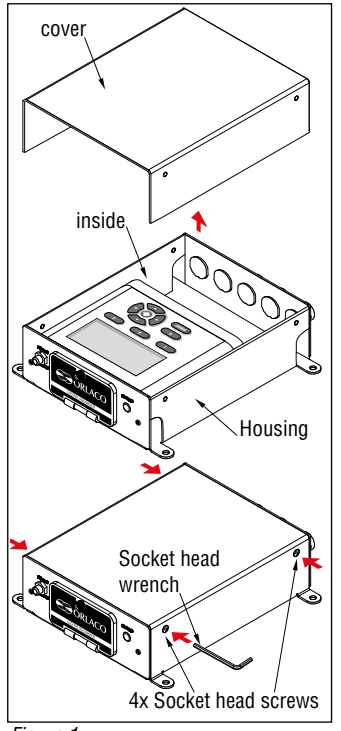

Figure 1

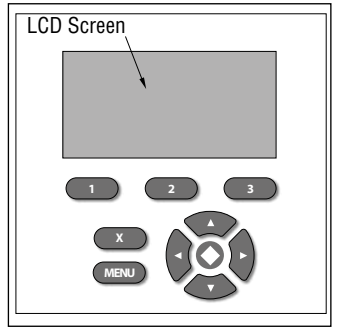

Figure 2

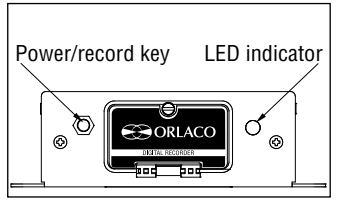

Figure 3

2. Recording

Pressing the Power/Record key (or remote button) will start and stop recording. When recording, the LCD backlight is turned off, video output is turned off by default, audio output is turned off. The LCD screen will show “RECORDING….” And a line identifying the file path and name will be displayed. If the unit is not ready to record, the LCD backlight will flash and the LCD will display “NOT READY TO RECORD” and return to Recording Standby mode.

NOTE: If an attempt was previously made to record to a CF Card that was not fast enough, there will be an error message displayed “FLASH MEDIA WAS TOO SLOW!” after the recording is stopped. The recording is made, but it will contain skips and may cause errors in player software. There will be a number to indicate (0-10) the severity of the problem.Recording will end when the CF Card is full, power drops too low (the Easy Solid Recorder will also turn off), or the Power/Record (or remote) button is pushed.

3. Saved Settings

The Easy Solid Recorder will store the settings as programmed by the user if when not powered. You will not need to enter in the settings more than once unless you want to change the settings.

4. Top menu

See figure 2.
At the Recording Standby Mode, press the MENU key on the keypad. You will see four options. RECORDINGS LIST, CONTROLS, SETUP, and FEATURES.
Press MENU or ESCAPE (X) to return to the Recording Standby Mode.
Pressing the UP and DOWN keys will move between and highlight selections.
Pressing the center SELECT or ENTER key will bring up a new menu related to your selection.

When in these MENUS, the LED Indicator will slowly flash RED to indicate that the unit is not ready to record. Also, video and audio outputs will be disabled. See figure 3.

Led indicator table
No light = Unit is not powered (Not recording)
Green light = Unit is on - Stand by Mode (Not recording)
Red light = Recording.

Card change or remove:
Only when no light.

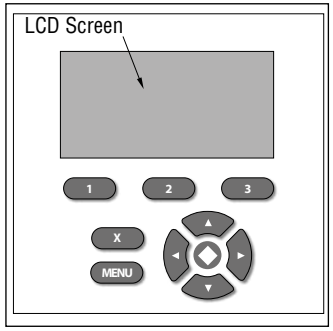

Figure 2

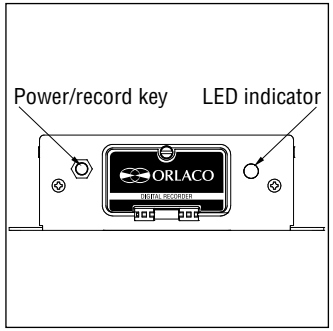

Figure 3

5. Menu structure

- **Recordings list**
- **Controls**
  - *Recording quality:*
    - ° HIGHEST, HIGHER, NORMAL, SUBNORMAL, LOWER, LOWEST
  - *Video resolution:*
    - ° VULL VIDEO, 2/3 HORIZONTAL, ONE QUARTER
  - *Audio input controls:*
    - ° AUDIO GAIN LEVEL
      PRESETS (x4), CUSTOM
    - ° INT-EXT MIC LEVEL
      HIGH, LOW
    - ° SOURCE MIXING
      ON, OFF
    - ° LOOP RECORDING
      LOOP RECORD (Not recommended)
      RECYCLE RECORD
      FILE SIZE LIMIT
- **Setup**
  - *Set date and time*
  - *File names*
  - *Display contrast*
  - *Serial number*
- **Features**
  - *On Screen Displays:*
    - ° TIME DISPLAYS TIMER, FRAME COUNT, BACK GROUND, LOCATION
    - ° GFORCE MODULE BACKGROUND, LOCATION, TEXT, SCALE, ORIENTATION
  - *Auto record at start:*
  - *Auto shut down:*
    - ° IF NOT RECORDING, IF NOT EXT POWER, TIME DELAY
  - *Record switch style :*
    (Advanced/Data Acquisition use only)
    - ° NORMAL, HOLD-DOWN, STOP DELAY
  - *Gforce record trigger:*
    - ° DIFFERENCES/THRESHOLD MODE
    - ° SENSITIVITY (G's)
    - ° TIME DELAY AFTER

6. Setting date and time

The control buttons and LCD screen are in the housing. The-housing cover can be removed by unscrewing the 4 screws. See figure 1.

Go to SETUP, Set DATE AND TIME:
When the Set DATE AND TIME screen is up, one field is highlighted for adjustment, and the LEFT and RIGHT keys are used to change the selection to another field. Year, month, day, hour, minute, and second are displayed.

When the UP or DOWN keys are pressed, the highlighted selection is adjusted up or down. Pressing MENU sets the date and time according to the current display on the LCD, and returns to the Recording Standby condition. Pressing ESCAPE (X) returns to the SETUP menu (previous menu), without changing the date and time.

Time Displays
You have four different ways of displaying time as text recorded directly on the video. The first menu section will toggle through the options. You can show DATE + TIME on the video, show only the actual TIME, or show elapsed RECORDING TIMER. Recording time is useful as a track timer. See figure 4

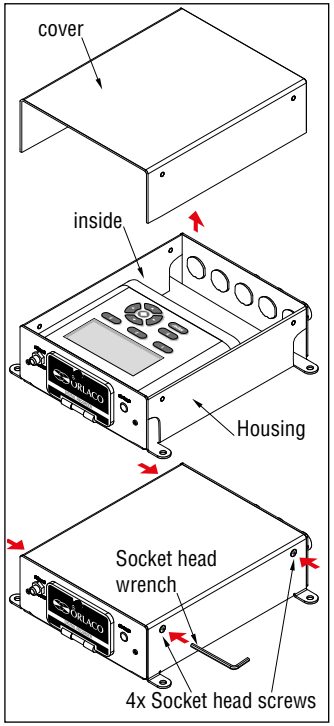

Figure 1

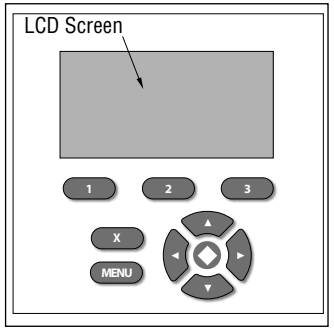

Figure 2

Figure 4

7. Release notes

Revision R1-0. First issue, December 2011.
Revision R1-1. Pictures USB card reader and Compact Flash card deleted, Februari 2015.

ORLACO

Orlaco is a manufacturing company specialize in making camera-, and monitor systems for commercial vehicles, fork-lift trucks, cranes, off shore and maritime.

Our objective is to design and produce camera systems for the professional market that improve the drivers view and increase operating efficiency.

At our factory in Barneveld, we have a production department, warehouse, design department, service department and showroom.

Vision is our mission®, Orlaco therefore deploys the development, manufacture, supply and service of camera and display systems that will improve safety and effi ciency of all vehicles, machinery
and vessels. Our systems will give the end user a view on each blind spot and will create comfort and improved working conditions. Our active approach will support market demands and innovations and will lead to enthusiastic ambassadors in the market; our Customers.

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